

Articulation Agreement (2022)

San Francisco Bay University (SFBU) & Las Positas College

SFBU Bachelor of Science in Computer Science (BSCS)

SFBU Bachelor of Science in Computer Science (BSCS)					
SFBU Degree Requirements	Required SFBU course or course category	Specific Las Positas College Course(s)	CSU GE Breadth¹ equivalent	C-ID² equivalent	
General Education Requirements (40 semester Units)	English Language & Communications & Critical Thinking (12 semester credits)	ENGL 101 Expository Writing	ENG 1A Critical Reading & Composition <u>or</u> ENG 1AEX Critical Reading & Composition Expanded	A2	ENGL 100
		ENGL 115 Public Speaking	CMST 1 Fundamentals of Public Speaking	A1	COMM110
		ENGL 425 Modern American Literature	ENG 35 Modern American Literature <u>or</u> ENG 44 Literature of The American West	C2	ENGL 135
		3 additional credits in area	Any course with a CSU GE A1, A2 and/or A3 designator	A1/A2/A3	n/a
	Arts & Humanities (6 semester credits)	6 credits in area	Any course with a CSU GE C1 and/or C2 designator	C1/C2	n/a
	Mathematics & Natural Sciences (16 semester credits in BSCS)	MATH 201 Calculus I	MATH 1 Calculus I	n/a	MATH 210
		MATH 202 Calculus II	MATH 2 Calculus II	n/a	MATH 220
		MATH 203 Linear Algebra	MATH 7 Elementary Linear Algebra	n/a	MATH 250
		MATH 208 Probability and Statistics	MATH 40 Statistics & Probability	n/a	MATH 110
PHYS 201/201L Physics I with Lab		PHYS 1A General Physics I, or A course with a CSU GE Breadth designator B1 or B2 (with B3 for lab) that earned at least 4 semester units	B1, B3	PHYS 205	
Arts & Humanities (6 semester credits)	6 credits in area	Any course with a CSU GE C1 and/or C2 designator	C1/C2	n/a	

¹ Courses without a CSU GE Breadth Designator will be evaluated individually

² Courses without a C-ID designator will be evaluated individually

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Social Sciences (6 semester credits)	6 credits in area	6 semester credits Any course(s) with CSU GE Breadth Area D	D	n/a
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Major Course Requirements (65 credits BSCS)		
SFBU Degree Requirements	Required SFBU course or course category	Specific Las Positas College Course(s)
Core Course Requirements (50 units BSCS)	BUS450 Professional and Technical Writing	CIS 43 Professional Communications, or CNT 43 Professional Communications, or CS 43 Professional Communications
	CE305 Computer Organization	CS 21 Computer Organization & Assembly Language Programming
	CS 200 Discrete Logic	CS 17 Discrete Mathematical Structures or MATH 10 Discrete Mathematical Structures
	CS350/350L Data Structures/Lab	CS 20 Advanced Programming with Data Structures/C++
	CS360/360L Programming in C and C++/Lab	CS 2 Computing Fundamentals II
	CS457/457L Data Modeling & Implementation Tech/Database Technologies Lab	CS 45 Database Programming or (CIS 9001 Database Design Methodology and CIS 9002 Introduction to Database Management)
	CS480/480L Java and Internet Applications/Java Programming Lab	CS 31 Java Programming
	P450 Career Development	PCN 10 Career & Educational Planning
	All other major course requirements not listed above (20 units)	No equivalent courses
Specialization Course Requirement (15 units BSCS)	CS470 Network Engineering and Management	CIS 66 Networking Fundamentals or CNT 8001 CISCO CCNA1/3 Introduction to Networks (ITN) or CNT 52 Networking Fundamentals
	CS 477 Ethical Hacking & Penetration Testing	CNT 7501 Ethical Hacking

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	CS485 JavaScript & Internet Programing	CIS 59 WEB DEV: HTML/CSS/ JavaScript <u>or</u> CIS 59C Web Programming - JavaScript
	Complete two additional Specialization Courses (6 units)	No equivalent courses
Electives	15 semester credits in area	15 semester credits Any course identified as transferable to CSU or UC.

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Applicants for the Bachelor of Science in Business Administration (BSBA) who have successfully completed an ADT, or AA-T, or AS-T pathway as determined by Las Positas College with a GPA of 2.5 or higher will be automatically accepted into the BSBA program upon completing their admission documentation. The number of units transferable into the BSBA depends on the topic area in which the ADT, AA-T, or AS-T was earned.

SFBU Bachelor of Science in Business Administration (BSBA)				
SFBU Degree Requirements	Required SFBU course or course category	Specific College of Las Positas Course(s)	CSU GE Breadth ¹ equivalent	C-ID ² equivalent
English Language & Communications & Critical Thinking (12 semester credits)	ENGL 101 Expository Writing	ENG 1A Critical Reading & Composition <u>or</u> ENG 1AEX Critical Reading & Composition Expanded	A2/A3	ENGL 100
	ENGL 115 Public Speaking	CMST 1 Fundamentals of Public Speaking	A1	COMM110
	ENGL 425 Modern American Literature	ENG 35 Modern American Literature <u>or</u> ENG 44 Literature of The American West	C2	ENGL 135
	3 additional credits in area	Any course with a CSU GE A1, A2 and/or A3 designator	A1/A2/A3	n/a
Mathematics and Natural Sciences (9 semester credits in BSBA)	MATH 208 Probability and Statistics	MATH 40 Statistics & Probability	n/a	MATH110
	PHYS 101 Introduction to Physical Sciences	PHYS 2A Introduction to Physics I, or transfer courses acceptable in lieu of: Physical Sciences or Biological Sciences (CSU areas B1, B2 or IGETC areas 5A, 5B)	B1, B2	n/a
	3 additional credits in area	Any course with a CSU GE Breadth designator B1, B2, B3, and/or B4	B1/B2/B3/ B4	n/a
Arts & Humanities (6 semester credits)	6 credits in area	Any course with a CSU GE C1 and/or C2 designator	C1/C2	n/a

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² Courses without a C-ID designator will be evaluated individually

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Social Sciences (9 semester credits)	9 credits in area	9 semester credits Any course(s) with CSU GE Breadth Area D	D	n/a
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Major Course Requirements (60 credits BSBA)
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SFBU Degree Requirements	Required SFBU course or course category	Specific Las Positas College Course(s)
Core Course Requirements (45 credits BSBA)	ACC 110 Financial Accounting I	BUSN 1A Financial Accounting
	BAN199 Excel for Finance, Accounting & Analytics	CIS 54 Excel: Intro to Spreadsheets
	BLAW310 Introduction to Business Law	BUSN 18 Business Law
	BUS450 Professional & Technical Writing	CIS 43 Professional Communications, or CNT 43 Professional Communications, or CS 43 Professional Communications
	ECON201 Principles of Macroeconomics	ECON 2 Principles of Macroeconomics
	ECON202 Principles of Microeconomics	ECON 1 Principles of Microeconomics
	IT221 HTML & CSS Web Page Construction	CIS 59 WEB DEV: HTML/CSS/ JavaScript or GDDM 55 Web Design I
	MGT310 Principles of Management	BUSN 56 Introduction to Management
	MKT310 Principles of Marketing	MKTG 50 Introduction to Marketing
	P450 Career Development	PCN 10 Career & Educational Planning
	All other major course requirements not listed above (18 units)	No equivalent courses
Specialization Course Requirement	ACC 110L Financial Accounting I Lab	BUSN 61 QuickBooks Accounting
	ACC120 Managerial Accounting II	BUSN 1B Managerial Accounting

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(15 units BSBA)	IT223 SQL & Relational Databases	CIS 57 Database Concepts or CIS 92 WEB: PHP Programming, MySQL or CIS 9001 Database Design Methodology or CIS 9002 Introduction to Database Management or CIS 9003 Oracle: Database Programming with PL/SQL
	IT337 JavaScript	CIS 59 WEB DEV: HTML/CSS/ JavaScript or CIS 59C Web Programming - JavaScript
	Complete two additional Specialization Courses (6 units)	No equivalent courses
Electives	24 semester credits in area	24 semester credits Any course identified as transferable to CSU or UC.

This agreement will automatically renew each year. In the event of significant curriculum change, SFBU staff is responsible for updating the agreement.

Monica Sinha, Director of Admissions & Special Projects

SFBU Staff Member (name, title)

January 14, 2023

Date

LPC Staff Member (name, title)

Date